UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

04/25/2007

RONALD ZIBELLI XEROX CORPORATION XEROX SQUARE 20A ROCHESTER, NY 14644

EXAMINER				
JEFFERY A				
PAPER NUMBER				

DATE MAILED: 04/25/2007

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR	ATTORNEY DOCKET NO. CONFIRMATION NO.

09/033,222 03/02/1998 TADD H. HOGG D/98093 1837

TITLE OF INVENTION: DISTRIBUTED CONTROL SYSTEM WITH GLOBAL CONTRAINTS FOR CONTROLLING OBJECT MOTION WITH SMART MATTER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	. NO	\$1400	\$0	\$0	\$1400	07/25/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correcte maintenance fee notifica	ed below or directed oth	ng the Patent, advance onerwise in Block 1, by (rders and notification o a) specifying a new cor	f maintena responden	ance fees will be ce address; and/	e mailed to the current or (b) indicating a sepa	correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.			
RONALD ZIB XEROX CORPO XEROX SQUAL	ORATION RE 20A	/2007	I S ac tr	hereby cer tates Posta Idressed t ansmitted	Certifica rtify that this Fee al Service with st to the Mail Stop to the USPTO (5	te of Mailing or Transı (s) Transmittal is being afficient postage for firs ISSUE FEE address 71) 273-2885, on the da	mission deposited with the United t class mail in an envelope above, or being facsimile ate indicated below.
ROCHESTER, 1	NY 14644			(- i -		•	(Depositor's name)
•							(Signature)
			L				(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTO	OR	ATT	ORNEY DOCKET NO.	CONFIRMATION NO.
09/033,222 TITLE OF INVENTION SMART MATTER	03/02/1998 N: DISTRIBUTED CO	NTROL SYSTEM WIT	TADD H. HOGG TH GLOBAL CONTRA	INTS FO	R CONTROLL	D/98093 ING OBJECT MOTIO	1837 N WITH
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DU	E PREV.	PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	МО	\$1400	\$0		\$0 \$1400		07/25/2007
EXAM	INER	ART UNIT	CLASS-SUBCLASS				
SHAPIRO, J	EFFERY A	3653	700-213000				
Address form PTO/SI	ondence address (or Cha 3/122) attached. ication (or "Fee Address' 2 or more recent) attach	nge of Correspondence Indication form Indication form Indication form	(1) the names of up or agents OR, alternate (2) the name of a sir registered attorney of 2 registered patent a listed, no name will	igle firm (r agent) au ttorneys or be printed.	having as a mem nd the names of ragents. If no na	ber a 2	
	ess an assignee is identi h in 37 CFR 3.11. Comp		data will appear on the T a substitute for filing a (B) RESIDENCE: (CI	patent. In assignm	TATE OR COUN	TRY)	ocument has been filed for
Please check the appropr	iate assignee category or	categories (will not be p	rinted on the patent):	☐ Individ	iual 🖵 Corpora	tion or other private gro	up entity Government
4a. The following fee(s) are submitted: ☐ Issue Fee ☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies			b. Payment of Fee(s): (P. A check is enclosed Payment by credit of The Director is here overpayment, to De	l. card. Form	PTO-2038 is at	tached.	
	s SMALL ENTITY statu	ıs. See 37 CFR 1.27.			<u> </u>	VTITY status. See 37 CF	
NOTE: The Issue Fee an interest as shown by the	d Publication Fee (if requeecords of the United Sta	uired) will not be accepte tes Patent and Trademark	ed from anyone other that office.	the appli	cant; a registered	l attorney or agent; or th	e assignee or other party in
Authorized Signature		and the second s		Da	te		
Typed or printed name	e		<u>-</u>	Re	gistration No		
This collection of inform an application. Confident submitting the complete this form and/or suggesti Box 1450, Alexandria, V Alexandria, Virginia 223	ation is required by 37 C tiality is governed by 35 1 application form to the ons for reducing this but irginia 22313-1450. DC 13-1450.	FR 1.311. The information U.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to the NOT SEND FEES OR	on is required to obtain on 1.14. This collection is to depending upon the interpretation off COMPLETED FORMS	r retain a lestimated lividual caicer, U.S. TO THIS	benefit by the pu to take 12 minute ase. Any comme Patent and Trade ADDRESS. SEN	blic which is to file (and es to complete, includin hts on the amount of tin mark Office, U.S. Depa ND TO: Commissioner f	by the USPTO to process) g gathering, preparing, and ne you require to complete artment of Commerce, P.O. For Patents, P.O. Box 1450,

PTOL-85 (Rev. 07/06) Approved for use through 04/30/2007.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspio.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/033,222	03/02/1998	TADD H. HOGG	D/98093	1837	
75	90 04/25/2007		EXAM	INER	
RONALD ZIBEI	ONALD ZIBELLI		SHAPIRO, JEFFERY A		
XEROX CORPOR	-		ART UNIT	PAPER NUMBER	
XEROX SQUARE ROCHESTER, NY			3653 DATE MAILED: 04/25/200	7	

Determination of Patent Term Extension under 35 U.S.C. 154 (b)

(application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 0 day(s). Any patent to issue from the above-identified application will include an indication of the 0 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.